

RCBTB1 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16817c**Specification**

RCBTB1 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O8NDN9
Other Accession	NP_060661.3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	58252
Antigen Region	350-377

RCBTB1 Antibody (Center) - Additional Information**Gene ID** 55213**Other Names**

RCC1 and BTB domain-containing protein 1, Chronic lymphocytic leukemia deletion region gene 7 protein, CLL deletion region gene 7 protein, Regulator of chromosome condensation and BTB domain-containing protein 1, RCBTB1, CLLD7, E45

Target/Specificity

This RCBTB1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 350-377 amino acids from the Central region of human RCBTB1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

RCBTB1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

RCBTB1 Antibody (Center) - Protein Information**Name** RCBTB1

Synonyms CLLD7, E4.5

Function May be involved in cell cycle regulation by chromatin remodeling.

Cellular Location
Nucleus.

Tissue Location

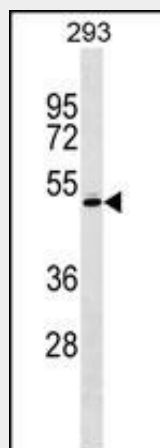
Ubiquitously expressed (PubMed:11306461, PubMed:27486781). In the retina, present in the nerve fiber layer and to a lesser extent in the inner and outer plexiform layers (at protein level) (PubMed:27486781).

RCBTB1 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RCBTB1 Antibody (Center) - Images



RCBTB1 Antibody (Center) (Cat. #AP16817c) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the RCBTB1 antibody detected the RCBTB1 protein (arrow).

RCBTB1 Antibody (Center) - Background

This gene encodes a protein with an N-terminal RCC1 domain and a C-terminal BTB (broad complex, tramtrack and bric-a-brac) domain. In rat, over-expression of this gene in vascular smooth muscle cells induced cellular hypertrophy. In rat, the C-terminus of RCBTB1 interacts with the angiotensin II receptor-1A. In humans, this gene maps to a region of chromosome 13q that is frequently deleted in B-cell chronic lymphocytic leukemia and other lymphoid malignancies.

RCBTB1 Antibody (Center) - References

Genuneit, J., et al. Clin. Exp. Allergy 39(12):1875-1888(2009)
Guo, D.F., et al. J. Biol. Chem. 279(20):21109-21120(2004)
Dunham, A., et al. Nature 428(6982):522-528(2004)
Solomou, E.E., et al. Leuk. Lymphoma 44(9):1579-1585(2003)
Mabuchi, H., et al. Cancer Res. 61(7):2870-2877(2001)